Message

From: Richmond-Bryant, Jennifer [Richmond-Bryant.Jennifer@epa.gov]

Sent: 6/16/2017 1:04:34 PM

To: Vandenberg, John [Vandenberg.John@epa.gov]

Subject: RE: Reyes and Price paper

Attachments: Reyes_EHP_Phthalates_Response_to_Tech_Comments.docx; reyes_EHP_phthalates_review_dfk_20170522.pdf;

Reyes_EHP_Phthalates_STICs_version.docx; Reyes_EHP_Phthalates_US_SI_STICs_version.docx; Technical Review

form for EHP- phthalates-Egeghy.docx

Hi John,

Thank you so much for doing this! Please find the manuscript, supplement, technical review forms, and Jeanette's response to comments.

Jen

From: Vandenberg, John

Sent: Friday, June 16, 2017 8:55 AM

To: Richmond-Bryant, Jennifer <Richmond-Bryant.Jennifer@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>;

Wright, Michael <Wright.Michael@epa.gov>; Segal, Deborah <Segal.Deborah@epa.gov> Cc: D'Amico, Louis <DAmico.Louis@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>

Subject: RE: Reyes and Price paper

Jen,

I'll review as well in the next few days - please send along with Tech Ms Review forms, etc (the usual STICS entry).

Thanks John

From: Richmond-Bryant, Jennifer Sent: Friday, June 16, 2017 8:21 AM

To: Bahadori, Tina <Bahadori, Tina@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Wright, Michael

<Wright.Michael@epa.gov>; Segal, Deborah <Segal.Deborah@epa.gov>

Cc: D'Amico, Louis <<u>DAmico.Louis@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>

Subject: RE: Reyes and Price paper

Thank you, Tina. I will let Paul know right away that NCEA clearance is necessary. The push to get this paper out is that it is an HHRA Q3 key product. Since John is the RTP Division Director, I would imagine that it should go to him. Is there anyone else who will need to clear it before deciding if it should go to the NCEA IOAA?

John, would you be able to complete this clearance review in the next few days so that, if it has to go up to the NCEA IOAA, there will still be enough time to submit it by the end of the quarter?

Thanks very much to all of you for the time and thought you are putting into this process, Jen

From: Bahadori, Tina

Sent: Friday, June 16, 2017 7:46 AM

To: Richmond-Bryant, Jennifer < Richmond-Bryant.Jennifer@epa.gov; Vandenberg, John < Vandenberg.John@epa.gov; Vandenberg, Vandenb

Wright, Michael Wright, Michael@epa.gov>
Cc: D'Amico, Louis Deborah Wright, Michael@epa.gov>
Cc: D'Amico, Louis Deborah@epa.gov>

Subject: RE: Reyes and Price paper

Thanks Jen. Someone at the division level needs to read the paper and either clear it there or flag it to the NCEA IOAA. Even though NERL is handling formal clearance, we still need to do our own due diligence – especially given the topic. I would love Mike's and Deb's impressions too, if they would like.

Tina

From: Richmond-Bryant, Jennifer **Sent:** Thursday, June 15, 2017 4:57 PM

To: Bahadori, Tina
Bahadori, Tina@epa.gov; D'Amico, Louis D'Amico, Louis D'Amico, Louis D'Amico.Louis@epa.gov); Kenneke, John

<Kenneke.John@epa.gov>; Vandenberg, John < Vandenberg.John@epa.gov>; Wright, Michael

<Wright.Michael@epa.gov>; Segal, Deborah <Segal.Deborah@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>;

Jones, Samantha < Jones. Samantha@epa.gov>

Cc: Reyes, Jeanette < Reyes.Jeanette@epa.gov >; Price, PaulS < Price.PaulS@epa.gov >

Subject: RE: Reyes and Price paper

Hi everyone,

The Reyes and Price paper has cleared NERL and has been elevated to DC. Paul anticipates that the review will take about 2 weeks, so they have requested that any NCEA comments on the paper be returned to them by 6/26 so that they can make the Q3 deadline for this key product.

Thanks so much!

Jen

From: Bahadori, Tina

Sent: Wednesday, June 14, 2017 2:10 AM

To: Richmond-Bryant, Jennifer < Richmond-Bryant.Jennifer@epa.gov>

Cc: Reyes, Jeanette < Reyes. Jeanette@epa.gov>; Price, PaulS < Price. PaulS@epa.gov>; D'Amico, Louis

<DAmico.Louis@epa.gov>; Kenneke, John <Kenneke.John@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>;

Wright, Michael Wright, Michael@epa.gov; Segal, Deborah Segal.Deborah@epa.gov; D'Amico, Louis

<<u>DAmico.Louis@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>

Subject: RE: Reyes and Price paper

Thanks Jen. I noticed that NERL also put it through Advanced Notification – it would be good to get some senior NCEA eyes on this as well, should Bruce have questions.

Tina

From: Richmond-Bryant, Jennifer **Sent:** Tuesday, June 6, 2017 9:57 PM

 $\label{to:vandenberg, John & Vandenberg, John@epa.gov>; Wright, Michael & Wright, Michael@epa.gov>; Segal, Deborah & Segal, Deborah@epa.gov>; D'Amico, Louis & DAmico, Louis@epa.gov>; Jones, Samantha & Jones, Samantha@epa.gov>; Jones, Samantha & Damico, Louis & Damico,$

Bahadori, Tina < Bahadori. Tina@epa.gov>

Cc: Reyes, Jeanette < Reyes.Jeanette@epa.gov >; Price, PaulS < Price.PaulS@epa.gov >

Subject: Reyes and Price paper

Hi everyone,

Earlier today, you should have received a courtesy copy in STICS of Reyes et al., "An analysis of cumulative risks based on biomonitoring data for six phthalates using the Maximum Cumulative Ratio." This paper analyzed phthalate metabolite data from NHANES to explore if cumulative risk was driven by exposure to multiple phthalates or by individual phthalate

exposure. The study found that cumulative exposures to multiple phthalates posed a risk for a small proportion of the study participants, but risks for most were driven by single-phthalate exposure.

This work was performed by Jeanette Reyes (ORISE post-doc stationed in NCEA) and Paul Price (NERL) under HHRA Task 6.4 (3.234 - Apportioning Multimedia Exposure and Risk Across Human and Ecological Receptors), for which I am the task lead. After much discussion with Paul and Mike Wright, we decided that it would be most appropriate for Paul to shepherd the paper through STICS, with his NERL management handling the approval and several NCEA staff provided a courtesy copy. Jeanette and Paul did a good job of presenting their results without drawing their work into the policy realm. However, a potential sensitivity is the focus on phthalates.

If you have any questions or concerns, please let me know and I will relay them to Paul and Jeanette.

Best wishes, Jen

Jen Richmond-Bryant, Ph.D. | Senior Physical Scientist | National Center for Environmental Assessment | 109 TW Alexander Drive, MD B243-01, Research Triangle Park, NC | office: 919-541-4518 | mobile: 919-360-1466

Notice (if this communication regards a contract): This communication shall not be considered a change in scope (affecting LOE or Cost), which may only be issued by the Contract Officer (CO). If upon receipt the Contractor determines this communication to alter the scope, please contact myself or the CO for further instruction.